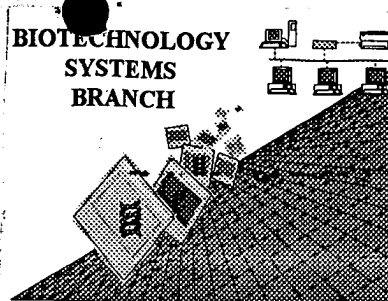
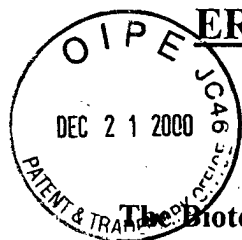


## RAW SEQUENCE LISTING ERROR REPORT



03303  
CRF

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/688,848

Source: OIPE

Date Processed by STIC: 12/18/2000

RECEIVED  
JAN-2 2001  
OIPE/JCVIS

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin30help@uspto.gov](mailto:patin30help@uspto.gov) or phone 703-306-4119 (R. Wax)

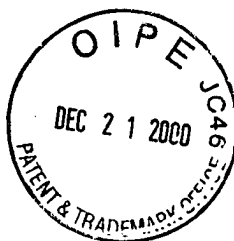
TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:  
<http://www.uspto.gov/web/offices/pac/checker>



OIPF

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/688,848

DATE: 12/18/2000  
TIME: 13:26:42

Does Not Comply  
Corrected Diskette Needed

Input Set : F:\LIB3229\_30REG.TXT  
Output Set: N:\CRF3\12182000\I688848.raw

1 <110> APPLICANT: Andersen, Scott E.  
2 Masucci, James D.  
4 <120> TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
5 Plants  
7 <130> FILE REFERENCE: 38-21(51463)B  
9 <140> CURRENT APPLICATION NUMBER: US/09/688,848  
9 <141> CURRENT FILING DATE: 2000-10-16  
9 <150> PRIOR APPLICATION NUMBER: US 60/159,589  
11 <151> PRIOR FILING DATE: 1999-10-18  
13 <160> NUMBER OF SEQ ID NOS: 6041  
15 <210> SEQ ID NO: 1  
16 <211> LENGTH: 429  
17 <212> TYPE: DNA  
18 <213> ORGANISM: Lilium asiatic  
20 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A1  
22 <400> SEQUENCE: 1  
24 aaatcaaatg ggttaaggaa cgcgcagctt cggtaagcgc aggaacaaga cccacaccc 60  
26 ctgcgtccgc tgtggccgct gcagcttcca cctccagaag agccgtgct cctcttgcc 120  
28 ctatcccgcc gctcggatcc gcaaatataa ctggagcgct aaggcgatcc gccggaagac 180  
30 gactggcact ggcaggatgc gctacctccg ccatgtcccc cgtcgcctca agagcaact 240  
32 ccgtgaagcc actgaagcag ctcccaggaa gaaggccgcc gccctgctt ccttctaaag 300  
34 agtgagaact tggaaatttc tggctcaatt tagctcaatt gttatggatc ttgtatgag 360  
36 gggtttgatt ccaggcttat gttgttgaat ggtgaagtaa tgatttgcga attatgtaga 420  
38 cttaaaagac 429  
41 <210> SEQ ID NO: 2  
42 <211> LENGTH: 119  
43 <212> TYPE: DNA  
44 <213> ORGANISM: Lilium asiatic  
46 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A10  
48 <400> SEQUENCE: 2  
50 gaagataatc ttcttgattt ctccccattt gcaaaagctgt ctgctgaagg ttttccagaa 60  
52 ctttttgcga aagaaggctc agtagctctt gttgaatata atgataggaa aatgtttga 119  
55 <210> SEQ ID NO: 3  
56 <211> LENGTH: 379  
57 <212> TYPE: DNA  
58 <213> ORGANISM: Lilium asiatic  
60 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A11  
62 <400> SEQUENCE: 3  
64 gtatgaaaaa taaattgata tattaccatt tgcatttttt tctgctqaag gtttttcaaa 60  
66 aacattgggt caaataaggt atagtaggtg ttgatgaata caatgatagg aaaaatgttl 120  
68 gaggttaagc tggaggagat gaaatcagct ttcataaccc aaattgataa agaggccggt 180  
70 atatctgaag tcatagagac tgcgaagcaa tagtllcaagg atgcttagtl acctgaaatt 240  
72 gaaatcatac ttattttgtg agatgtttta atgqatgtcg ttcagaagac tgggaagaa 300  
74 caacaataaa atgacctatgc gacacttccc cttgttaaaa cttgagctaa ctgatgaa 360  
76 caatttacc aaattgtaa 379  
79 <210> SEQ ID NO: 4  
80 <211> LENGTH: 259

pp 1-5

<220> ← insert this mandatory  
numerical identifier  
whenever <221>  
<222>, or <223>  
is shown  
(global error)

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/688,848

DATE: 12/18/2000  
 TIME: 13:26:42

Input Set : F:\LIB3229\_30REG.TXT  
 Output Set: N:\CRF3\12182000\I688848.raw

```

81 <212> TYPE: DNA
82 <213> ORGANISM: Lilium asiatic
84 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A12
86 <400> SEQUENCE: 4
88 ggcttttgaa gctgcttaca aacaggcaac tgggaagtcc gtttcaactat ctgagcagca 60
90 gclggtagac tgtgcctacg cattcaataa cttcggatgc aatgggtgggt tgcctgcccc 120
92 agccttcgaa tacattaaat tcaatggttg ccttgacacc gaagaatcgt acccctacgc 180
94 cggtatccaat ggcattttgca acttcaaat cgacaggatt ggaagtcagg gcaccgactt 240
96 aattaacatc accctggga 259
99 <210> SEQ ID NO: 5
100 <211> LENGTH: 90
101 <212> TYPE: DNA
102 <213> ORGANISM: Lilium asiatic
104 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A2
106 <400> SEQUENCE: 5
108 gttggaattg gaaqaaactc taactttgga atgtgcctca cgggttcaaa agcaactttc 60
110 gggaaacgac tgcagcagct tccaggtaga 90
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 475
115 <212> TYPE: DNA
116 <213> ORGANISM: Lilium asiatic
118 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A3
120 <400> SEQUENCE: 6
122 cccacgcgtc cggcctaaga cggcggcaaa gccgaaggcg aagaaggcgg cagctaaacc 60
124 gaaqgcaaat gccgcttcca agccgaagggt gaaqgcccgt qcgaaagccta agcctgttgc 120
126 caagcccaag gcgaaggccc cagctgcaaa gccaaagcct gcgcaccaag ctgcggcgaa 180
128 gccgaaggcg gctcctcgac cggcggcaaa ggctcgccct gcaaaaggccg ccaagacctc 240
130 cgcgaaggac gctcccqcaa agaaggtctc tgcctcggct aagaaggcat tagccccacc 300
132 accggtcaag aaagcattag cccaccacc gccaaagaag gctgtgccc tgagaaggct 360
134 gctcctgcag cgaagaagaa ggcggcgact ccagcgaagg ggaagtcccc ggcgagaaaa 420
136 gcqctgcaa ggaaggcgcc caagaagtag gcttttgatl cgtgatccg atggg 475
139 <210> SEQ ID NO: 7
140 <211> LENGTH: 464
141 <212> TYPE: DNA
142 <213> ORGANISM: Lilium asiatic
144 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A4
146 <400> SEQUENCE: 7
148 gtagaagaga ggtttttgca ttctattcct tcaaatgata gcaattgata ctgtagcgtt 60
150 actgaaatca agaagctctg atccatcaat cgtgccttgg aaaggtggag taataatttg 120
152 tgtcctcgac ttgggtcgtg aaqcatgggt ccataagagag gagtggatac agaattggaat 180
154 tcacataggg aglygcagaa aatcacgtgg atcatattat acgcaggcac ttgctatgtg 240
156 ttatataaat tcttaataga tgcaggctg gttggtttaa agaaaacttc atcttcttta 300
158 aactggaaga gtttgtctc atggaggtga qcatactct ctcaatggtt ttgattgaag 360
160 aaaagatgtc gatatgcac cattggaggg gaagtgatgg ctacatccaa catatgtgac 420
162 ttgggactag ttgaaacatg aaattttggt acaagtgaat gaac 464
165 <210> SEQ ID NO: 8
166 <211> LENGTH: 382
167 <212> TYPE: DNA
168 <213> ORGANISM: Lilium asiatic

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/688,848

DATE: 12/18/2000  
 TIME: 13:26:42

Input Set : F:\LIB3229\_30REG.TXT  
 Output Set: N:\CRF3\12182000\I688848.raw

170 <220> FEATURE:  
 171 <221> NAME/KEY: unsure  
 172 <222> LOCATION: (1)..(382)  
 173 <223> OTHER INFORMATION: unsure at all n locations  
 174 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A5  
 176 <400> SEQUENCE: 8  
 178 accacgaagc gtttgcgtgca atcaatgctc tcaacttaac tgaactactt acacaaqtaa 60  
 180 tttatgttga ctgggcattc agcagtggcc ctccaagcg cagaattgca aggagaagggt 120  
 182 cactccgcgc tgcctgcgtc tcaaggagcc cgaaggggag atattaatgc tgttaatttc 180  
 184 **OK** ctaactttgt gcagggggat gagggggatt ngaaagcaga tttctatgtg gtctgagcgt 240  
 186 taaccatact gctgtcgcga gaggttcata tgaatgcatt gaattctgtt atgtttcaat 300  
 188 gattataagt tatggattga tatcggggct gtttaagacc gtttaaccaga cttctggcga 360  
 190 ttgtggttgc gttatgtttc ac 382  
 193 <210> SEQ ID NO: 9  
 194 <211> LENGTH: 458  
 195 <212> TYPE: DNA  
 196 <213> ORGANISM: Lilium asiatic 7/2207  
 198 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A6  
 200 <400> SEQUENCE: 9  
 202 cccacgcgtc cggagagtg aaqctatgcc caaqtctcqa qacccttgct agatcattgc 60  
 204 agagggcgcg agtcaggtac tccgtctctg gagggatcct ttatcgacga tcccacaacg 120  
 206 cgcctctcct aagggtgcgc cgaaccagag aggtaaaaag gattcctgact ggagtacacg 180  
 208 aagggaattt cggcgccac cccggagctc gcacattgyc aaacaagata ttgttatgcg 240  
 210 gatactattg qccacgcttg cgtgagagc cgaagaccga tgtcgacatc tgcgacaaat 300  
 212 gccaatgcta cgcgggcatt ccaagctgc cctcgaccga gcaqatccgg tggctgcgcg 360  
 214 atggccattc gacatgttaag ggatcgacct tattaggcct ttccctcttt gccacagag 420  
 216 gttgttaata caccatcgtc gcggtagact acttcacc 458  
 219 <210> SEQ ID NO: 10  
 220 <211> LENGTH: 393  
 221 <212> TYPE: DNA  
 222 <213> ORGANISM: Lilium asiatic 7/2207  
 224 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-A8  
 226 <400> SEQUENCE: 10  
 228 cccacgcgtc cggcatgac ctgcaggctg tttttgtacc ctgacatgag gtttcgagac 60  
 230 attgtcagcg gttggccagg gaggctgaac gactttcagg tgttaagcag ctccgggattc 120  
 232 ttcaagcaat gcgaccaagg catgagactg aacgggaaga agattgatct cttggaagga 180  
 234 tcggaagtga gagaatacat catcggtgat gctggattcc cgtcctctcc ctggcttacc 240  
 236 actccatata ctgggaagga acttacggat tcatgtctg agtttaacaa gcggcacttc 300  
 238 gccacgagaa tggttgttca gagagcacta gcaagactga aagaggtgtg gagaatggtc 360  
 240 agggagaact tgggcgaccg gataggcata aac 393  
 243 <210> SEQ ID NO: 11  
 244 <211> LENGTH: 455  
 245 <212> TYPE: DNA  
 246 <213> ORGANISM: Lilium asiatic 7/2207  
 248 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-B1  
 250 <400> SEQUENCE: 11  
 252 aacaaaacat ggaagccaa acacaccaac atatatatgt tcatcaagc ggcagggttg 60  
 254 atgttctggc tccagaacca cgaaggagc taagcaqlg tcatatacct aggagtaaat 120  
 256 gtatcccta tgaccagatg ctgtatagct cacaaatgct gtlgtctccc gaagacgcca 180

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/688,848

DATE: 12/18/2000  
 TIME: 13:26:42

Input Set : F:\LIB3229\_30REG.TXT  
 Output Set: N:\CRF3\12182000\I688848.raw

```

258 ggaaacggtt tgagcaagaa ggcacctcgt tggatcgcc tgggtcgct tcltqtgga 240
260 caggtgtaac tgcattgtata ctatccctgg gtctccatcg gatcggaag actgatgtcc 300
262 ctgttttaaga cgggtcgtgg actgaatggg cgtcccaacc agatgcgtta ttgtcactat 360
264 gtgatttgac tgggtgttgc ttatgtccct gtctacgacg ggtcgtggac tgaatgggag 420
266 tcccaaccag atgcgttaat tgtcactatg tgatt 455
269 <210> SEQ ID NO: 12
270 <211> LENGTH: 303
271 <212> TYPE: DNA
272 <213> ORGANISM: Lilium asiatic
274 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-B11
276 <400> SEQUENCE: 12
278 qccctccgc cttcccttc aggatgtga cattattgga ggcattgaa ctgtgccagt 60
280 cggccgtgtg gaggctgga ttgtgagag ctgttatggt agtgactttt gggcccaactg 120
282 gtctgaccac tgaagttaag tctgttgaga tgcacratga ggtctcctt gaagccttcc 180
284 ctggtgacaa tgtgggattt aatgtgaaga atgtlgetyt caaggatctt aagcgtgggt 240
286 ttgttcctt gaacttcaag gttgacctt tcaaggaggc ggtcaacttt actttccagg 300
288 tta 303
291 <210> SEQ ID NO: 13
292 <211> LENGTH: 318
293 <212> TYPE: DNA
294 <213> ORGANISM: Lilium asiatic
296 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-B12
298 <400> SEQUENCE: 13
300 cggacgcgtg gggatcgaga tclctttgct gtttgcgag gatcgagct tctccgcgc 60
302 cgtcatggag gttgctagga ctgtaaaaga cgtctcccg cacgatttcg tcaagcgta 120
304 ctccgccac ctcaagcgtt ccggcaagat ggagcttctt cactggacgg atatgtgaaa 180
306 gactgggaag ttcaaggagc ttgcttcata tgacctgac tggtaactta ttagaactgc 240
308 ttcaatggcg aqaaagatct atctgaggca aggagttgga gtgggtgctt tttagaagat 300
310 ataattgggg tcqcaaga 318
313 <210> SEQ ID NO: 14
314 <211> LENGTH: 245
315 <212> TYPE: DNA
316 <213> ORGANISM: Lilium asiatic
318 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-B2
320 <400> SEQUENCE: 14
322 cggacgcgtg ggggttgcct ttatagattc tccaagactt ttgtcttttc taagaggagc 60
324 tggtttacc ttcatatcaa aactggctgg atcagacatc ttatagatat tgaaaagtgt 120
326 caagaaaaga tcagagactg tgaacctga cgaagatccc agtgggtggc gtcctacttt 180
328 tacatttgtt gattatttga atgataaata tacaagaag tccaagatga aggtcgatgg 240
330 cagtg 245
333 <210> SEQ ID NO: 15
334 <211> LENGTH: 452
335 <212> TYPE: DNA
336 <213> ORGANISM: Lilium asiatic
338 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-B8
340 <400> SEQUENCE: 15
342 cgtacatttc tccgacaacg agttgaggca agaactcgcg cactttctcat ggaaagcaag 60
344 gagtatactg aagccctagc catactcaca aacctcgtga aagaggtcag aaggttagac 120
346 gacaaattac tgcgtgtgga catcgatctg ctcgagagca agcttcaact ctctctaaag 180

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/688,848

DATE: 12/18/2000  
 TIME: 13:26:42

Input Set : F:\LIB3229\_30REG.TXT  
 Output Set: N:\CRF3\12182000\I688848.raw

```

348 aacctcccca aggcgaagc cgcactcacc gcagcaagaa ccgctgcgaa cgcctacLac 240
350 gtacccccag cacagcaggg caccatcgac ctccagagcg ggattctgca cgcgaagaa 300
352 aaagactaca agactgctta cagctacttc tatgaagcat ttgaggtttt aacgcactcg 360
354 agqatccccg tgcctgtgtt agtctgaagt acatgctgct gtgcaagata atggtgagcc 420
356 aggctgatga tgttctggg ataactctct eg 452
359 <210> SEQ ID NO: 16
360 <211> LENGTH: 114
361 <212> TYPE: DNA
362 <213> ORGANISM: Lilium asiatic >C2207
364 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-B9
366 <400> SEQUENCE: 16
368 gacagggcgc cgcgcateta gacqatccaa gcttaacctac ccgtgtatgc gacgcaatat 60
370 ctcttacata gggaggccta aatataattc actgggcgtg qcaccacaac gcaa 114
373 <210> SEQ ID NO: 17
374 <211> LENGTH: 375
375 <212> TYPE: DNA
376 <213> ORGANISM: Lilium asiatic >C2207
378 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-C1
380 <400> SEQUENCE: 17
382 cccacqcgtc cgaagqatc tctcccaacc atcccaqgtg qagccactct aatttttgat. 60
384 acgggactcg ttgccataaa tggqaaaaca tcaggcgatg aaggtgaagc tgtagtagat 120
386 galagcgagc tctagtttgg ctagaattat gaatagcatt ggctcttcca aacctctacc 180
388 tagaattatg caatattttc cttgctcaag ctaggcttcc acaatcaagt tcagaaatca 240
390 gtattatgaa cattgacagg atatatataa ttatagatag ggtctttgaa gagatgtccg 300
392 cctttatcat cattcttcgt tatatcatga aactggatat caaagtaaga atcaattctt 360
394 ttcttaacgg aggat 375
397 <210> SEQ ID NO: 18
398 <211> LENGTH: 376
399 <212> TYPE: DNA
400 <213> ORGANISM: Lilium asiatic >C2207
402 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-C10
404 <400> SEQUENCE: 18
406 gagttatagc catatccgaa gaaactgcgg aaggcaaaact aacacctgtt aatgaatcaa 60
408 agagaaagct attgtttaaa agtatcccg tctcgctgac atgctcgctt catactacag 120
410 aagaaactac agaattccaa aaaacaaaat atactctacc agaccgact gcagaagaag 180
412 agaccatcat ggatacattt gttacgattg tgttagattc atcgggccgg ttggtctcaa 240
414 tattcaaaqc aggaggtgca gacttgcctt tcacatcgac ggtccaggac tgcatttccc 300
416 ttgcgaaggg tagagtgaa gacttaataa gtattttgga ggaactctt cagacatgat 360
418 ggaagatgaa taggaa 376
421 <210> SEQ ID NO: 19
422 <211> LENGTH: 313
423 <212> TYPE: DNA
424 <213> ORGANISM: Lilium asiatic >C2207
426 <223> OTHER INFORMATION: Clone ID: LIB3229-001-P1-K1-C11
428 <400> SEQUENCE: 19
430 caacaaacgt gtctgattg gatgtacac tgagaatcga aggaggtgaa gggcctggt 60
432 aatttttttg aggttgagag tgagttagcc ttttatctct tttatatcat tccctcttta 120
434 atgatgtttg altaagctt atttgtggg tgaatttaga atcaaaactt agcttaaatc 180
436 tatttatcca gagtattgt tctggatgt atgtatgggt alatacaggt actgcatgcc 240

```

PSI:

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/688,848

DATE: 12/18/2000  
TIME: 13:26:43

Input Set : F:\LIB3229\_30REG.TXT  
Output Set : N:\CRF3\12182000\I688848.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40  
L:1250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:1418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:1420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:1422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:1424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:1426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:1700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74  
L:2310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100  
L:2546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110  
L:2838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123  
L:2926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:127  
L:2928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:127  
L:2938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:127  
L:2966 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128  
L:3480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149  
L:4082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176  
L:4276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185  
L:4304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186  
L:4354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188  
L:4914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215  
L:5260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231  
L:5262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231  
L:5334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234  
L:5558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245  
L:5564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245  
L:5566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245  
L:5676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250  
L:6118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270  
L:6122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270  
L:6626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294  
L:6628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294  
L:6658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:295  
L:6810 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302  
L:7592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338  
L:7884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:351  
L:8038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:357  
L:8058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/688,848

DATE: 12/18/2000

TIME: 13:26:43

Input Set : F:\LIB3229\_30REG.TXT

Output Set: N:\CRF3\12182000\I688848.raw

L:8060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358  
L:8062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358  
L:8064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358  
L:8066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358